

DATE: 11/04/2009

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00095952

JEFFERSON PARISH

B2009000270

PURCHASING DEPARTMENT
P.O. BOX 9
GRETN, LA. 70054-0009
504-364-2678

VENDOR: _____

BUYER: J. Lotz

BIDS WILL BE RECEIVED IN THE PURCHASING DEPARTMENT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETN, LA 70053 UNTIL 2:00 PM, 11/24/2009 AND PUBLICLY OPENED UPON COMPLETION OF ADMINISTRATIVE TASKS.

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES DISQUALIFY BID.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. THIS BID PACKAGE MUST BE RETURNED IN ITS ENTIRETY.

Questions on this bid are to be faxed to (504) 364-2693 no later than FIVE (5) working days prior to bid opening. Bid numbers should be mentioned in all requests.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH will accept one bid only from each vendor. Items bid must meet or exceed specifications.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection.

If the bid exceeds \$20,000.00 and the bidder is an agency, corporation, partnership, or other legal entity, the president, vice-president, secretary/treasurer, or an authorized agent, shall sign the proposal, and satisfactory evidence of the authority of the person signing for the agency, corporation, partnership, or other legal entity shall be attached to the proposal.

AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE.

Preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA-R.S.38:2251-2261"

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

Visit our website at WWW.JEFFPARISH.NET/BIDS

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

JEFFERSON PARISH requires a firm price. Quoted price will remain firm until _____

PRICES: Jefferson Parish is exempt from paying sales tax under LSA-RS 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit measure specified and unless otherwise specified, shall be exclusive of state and Parish taxes. If a contractor is to act as Purchasing Agent for tax-exempt purposes, the Parish shall specifically state so within this bid specification. All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A117.1-1961).

RESPONSE TO INVITATION: If your company is unable to bid on this request, please state your reason on bid form, and return to this office before bid opening date. Failure to do so may result in the removal of your company from Jefferson Parish's vendors list.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 105529 or 105530 dated 5/17/06. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053.

POSTING OF BIDS: Non-Advertised bids will be posted on bulletin board in Suite 4400, Jefferson Parish General Government Building, Gretna, LA, for a period of Five (5) working days after opening date.

Advertised bids will be tabulated and a copy forwarded to each responsive bidder.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 16

PRE-BID CONFERENCE TO BE HELD AT: YENNI, SUITE 303

9:30 AM

1. All bidders are invited to attend the pre-bid conference. Failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. This conference is held to allow questions to be answered and inspect the site with owner's representative, etc. Failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification (with no additional cost to the owner).
2. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project.
3. A Louisiana state contractor's license may be required in accordance with LSA-R.S. 37:2150 et seq.

DATE:

Page: 3

BID NO.: 50-95952

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

4. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
5. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
6. All awards in excess of \$5,000.00 for the construction, alteration, or repair of any public works will be reduced to a formal contract which shall be recorded at the contractor's expense. A price list of recordation costs may be obtained from the Clerk of Court and Ex-officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 reduced to formal contract will require a performance bond.
7. A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. Performance bond shall be supplied at the signing of the contract.
8. Please indicate if you have insurance: YES _____ NO _____
Successful bidder will be required to furnish proof of insurance to this office.
Successful bidder will be required to furnish Federal I.D. Number.
9. Minimum insurance requirements for this bid are as indicated on the attached sheet.
10. Each bid must be accompanied by a cashier's check, certified check, money order, or surety bid bond in the amount of 5% of the bid.
11. Affidavit required to be submitted with bids on all solicitations for construction, alteration or demolition of public building or project. (LSA-R.S. 38:2224)
12. This is a requirements contract to be provided on an as needed basis.
13. All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO _____

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

14. In the event that the successful bidder cannot furnish a specific item or material and labor in the required time, JEFFERSON PARISH may purchase on an emergency basis from the next lowest bidder, or available source, until such time as the successful bidder has notified the PARISH in writing that his stock or labor capability has been replenished. The difference in price will be charged against the successful bidder of this contract, and evidence of purchases and price will be provided.
15. Vendor will be required to submit to the chief buyer of the JEFFERSON PARISH Purchasing Department a quarterly usage report by item of all items listed on this proposal.
16. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be disqualified if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK _____

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK _____

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

***** ALL BIDDERS MUST COMPLETE SECTION BELOW *****

FIRM NAME:

SIGNATURE:

TITLE:

(Must be signed here)

PRINT OR TYPE NAME:

ADDRESS:

CITY, STATE:

ZIP:

TELEPHONE:

FAX:

()

()

EMAIL ADDRESS:

TOTAL PRICE OF ALL BID ITEMS: \$ _____

THIS BID MUST BE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE COMPANY/FIRM FOR BID TO BE VALID. BID PACKAGE, INCLUDING INSTRUCTIONS AND SPECIFICATIONS, MUST BE RETURNED IN ITS ENTIRETY FOR BID TO BE VALID. SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the bid number and bid opening date indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00095952

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1	ONLY	<p>0010 Labor, Material, and Equipment necessary to perform the following job:</p> <p>The Contractor shall engineer, furnish, install, and test all equipment as specified in the attached document for the MIS COMPUTER ROOM FIRE SUPPRESSION SYSTEM.</p> <p>System is a quantity of one (1) FM-200, waterless total flooding fire suppression system to be installed in the Yenni Bldg computer room, Ste 700 1221 Elmwood Park Blvd, Jefferson, LA 70123</p> <p>The FM-200 system shall be a Fenwal FM-200 system or equal.</p> <p>*****</p> <p>MANDATORY PRE-BID DATE: November 10, 2009 TIME: 9:30 am LOCATION: YENNI BUILDING 1221 ELMWOOD PARK BLVD. SUITE 303 JEFFERSON , LA 70123 *****</p>		

Fire Suppression System for the Management Information Systems Department of Jefferson Parish

Section 1.0 – Scope

We extend this proposal to cover the furnishing of labor, materials, equipment, transportation, incidentals and all other services needed to properly install one FE-227, waterless total flooding fire suppression system in the Joseph S. Yenni Bldg., 1221 Elmwood Park Boulevard, Suite 700, Jefferson, LA 70123.

Section 2.0 – Pre-Bid Conference

A mandatory pre-bid conference and inspection of the site will be held on in the Joseph S. Yenni Bldg., 1221 Elmwood Park Boulevard, Suite 303, Jefferson, LA 70123.

All bidders are required to attend the pre-bid conference. Failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. This conference is held to allow questions to be answered and to inspect the site with the Owner's representative.

The pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specifications.

Section 3.0 – Pre-Bid Site Inspection

Bidders must inspect the site and perform their own measurements in order to determine the proper quantity of materials required to complete the job.

See exhibit "A" for approximate room dimensions (drawing not to scale) and approximate location of equipment to be installed.

To view the site at a time other than the pre-bid conference, contact Ryan Babcock, Facility Maintenance Superintendent, at 736-6036, between the hours of 7:00 a.m. and 3:00 p.m., Monday through Friday.

Section 4.0 – Bid Specifications

Purpose

This specification is for procurement of a fire detection and suppression system. It shall be used as a standard for equipment installation and acceptance testing.

Vendor Experience

The Contractor shall have three (3) years experience in this type of work and shall be fully experienced in the installation of equal size, complexity, and quality as per these specifications. A minimum of three (3) references for work of similar size or larger shall be submitted with the bid.

Technical Requirements

Provide labor, material and equipment necessary to install and place into operation an automatic fixed fire suppression system using FE-227 or equal as the suppression agent. The system shall be designed for use in occupied areas such as communications and electronics data processing rooms.

The FE-227 system shall be a Siemens FS 250 releasing panel or equal fire suppression system as manufactured by Siemens Inc., or equal. Major components of the detection system, containers, valves, and initiator devices shall be supplied by one manufacturer. Components shall be U.L. Listed and/or F.M. approved as compatible components of a system, particularly detection devices, control panels, initiator devices, and signaling appliances.

Detection of products of combustion and fire shall be by devices U.L. Listed and F.M. Approved.

Alarm signals, system supervision, and agent releasing output shall be provided by a control panel with battery stand-by which is U.L. Listed and F.M. Approved.

Release of FE- 227 agent shall be accomplished by applying electrical current to an initiator assembly which will then operate a burst disc valve assembly, which shall be an integral part of the agent storage container. The release procedure shall be in accordance with the requirements set forth in the current edition of the National Fire Protection Association Standard 2005

System Consideration and Requirements

In order to ensure system effectiveness and Owner satisfaction, the Contractor shall engineer, furnish, install, and test all specified equipment and accessories for a complete electrically supervised system as described in these specifications.

System Drawings

The Contractor shall prepare plans which are to an indicated scale with lettering no smaller than one-eighth inch and are easily reproducible. These plans shall show the quantity, location, and marking of all system components. Included shall be a description and routing of all piping. Computer flow calculations shall detail pressure changes, flow rates, pipe and nozzle sizes. Care should be taken to locate all agent storage containers within or near to the protected area to

ensure complete liquid discharge of the suppression agent within 10 seconds. System electrical schematics and diagrams shall be provided, including a description of all interlock functions. Four sets of all drawings shall be provided for subsequent submittal by Owner or Professional of Record to the appropriate Authority Having Jurisdiction for approval prior to fabrication. All fees associated with the submittal to the Authority Having Jurisdiction shall be paid by the fire suppression installation Contractor.

System Checkout, Owner Training and Acceptance

Upon completion of installation, the Contractor shall familiarize Owner's personnel with system components, system functions, and recommended procedures. At this time, a functional test of the system will be demonstrated. A room integrity test shall also be conducted in accordance with NFPA 2005. The Contractor shall provide the necessary personnel and instruments to conduct this test. The Contractor shall provide the Owner with a complete operation and maintenance manual as well as a written summary of any functional tests conducted. The Contractor shall be capable of conducting semiannual system inspections and be equipped to recondition the complete system within 48 hours in the event of a system actuation.

As a condition of final acceptance, the Contractor shall provide operational training to the Owner's personnel. The training sessions shall include emergency procedures, abort functions, system control panel operation, trouble procedures and safety requirements.

Maintenance of System

Within the first year after installation, at no extra cost to the Owner, the Contractor shall perform two (2) semi-annual inspections as per NFPA 2005. The Contractor shall satisfy all federal, state and local codes concerning the testing of the installed system. The first inspection shall be conducted within 30 days of the first six (6) months of acceptance by the Owner. The second inspection shall be conducted within 30 days of the expiration of the warranty period.

Provide a proposal for an annual maintenance agreement, to include annual cost. The proposal shall describe all preventive maintenance that will be conducted to properly maintain the installed equipment according to Federal, State, and local codes.

The proposal shall also include a per hour cost for a technician, technician helper, etc. needed to make repairs that are not covered by the maintenance agreement. Cost shall include normal hours, after hours, weekends, holidays, etc.

The proposal shall be submitted to the Owner for consideration; however, this agreement may or may not be accepted.

Installation

All work shall be completed with a high degree of workmanship and in compliance with current NFPA Standard 2005, 72 and local codes. All openings shall be sealed at time of system installation to prevent leakage and maintain system integrity. Sealing the room will be performed by others.

Warranty

The system shall be warranted for parts and labor for not less than one (1) year from date of installation. The Contractor shall specify the maintenance to be performed during the warranty period to maintain warranty conditions.

General

The FE-227 Fire Suppression System shall include an intelligent detection and control system with provision for both pre-alarm and automatic agent release.

The detection and control system shall employ addressable ionization and photoelectric smoke detectors. A single detector activated shall cause an alarm signal to be generated. A second detector activated shall generate a pre-discharge signal and start the pre-discharge condition.

The suppression sub-system shall provide high speed release of FE-227 based on the concept of total flooding fire protection for enclosed areas. A uniform extinguishing concentration shall be 6.25 percent v/v concentration of FE-227 at 70°F, to meet revised U.L. standards.

FE-227 shall be stored in bottom discharge style steel alloy storage containers complying with D.O.T., U.L. and FMRC specifications.

FE-227 shall be discharged through the operation of an initiator assembly which has an electro-explosive device that provides an instantaneous full bore release and discharge of the agent on demand. The releasing mechanism shall contain no moving parts. The system discharge time shall be within 10 seconds in accordance with NFPA Standard 2005.

All system components shall be new and of current manufacture and shall be installed in accordance with local codes.

The Owner shall provide a dedicated 110 volt, 15 amp power supplies to the fire suppression control panel. The fire suppression system Contractor shall make all connections to the extinguishing system control panel.

A fire alarm system dual input monitor module will be installed to monitor the alarm and trouble contacts on the stand alone extinguishing system. This module installation will be performed by others. The fire suppression Contractor shall provide all necessary connections to the monitoring module and coordinate all testing with the Owner.

Components

Ionization and Photoelectric Smoke Detectors

The Contractor shall furnish and install addressable ionization and photoelectric smoke detectors as required. The combination detector head and twist lock base shall be U.L. Listed compatible with the FE-227 control panel.

The detector head shall be removable from its base for cleaning, service, or replacement. The detectors shall be Factory Mutual Approved and U.L. Listed to meet U.L. Standard 268.

Manual Release

The manual release stations shall be located at major points of egress and as shown on drawings. The manual release station shall provide a means of manually discharging the automatic fire extinguishing system when used in conjunction with the control panel. The manual release station shall be the "dual action" type, to prevent accidental operation. The switch shall remain in the operated position until reset by means of a key or special tool.

Abort Stations

An abort switch shall be provided at each exit and entry point. Operation of the abort switch shall send a "system aborted" indication to the panel when a fire condition exists. Abort switches shall be of the momentary "dead man" type, and shall only inhibit discharge when held in the operated position.

Audible Alarm Devices

Upon entering the alarm mode, audible indication shall be supplied by the steady sounding of an alarm electronic sounder. This unit shall be polarized for full supervision and U.L. Listed. It shall have an output of 86-90 DBA to 10 feet at 24 VDC. The sounder shall be provided with a red finish. All field wiring connections shall be made to terminal strips or wire leads on the device.

The strobe lens shall be of white translucent construction with the suitable wording imprinted upon it. All field wiring connections shall be made to wire leads on the device.

Electrical Control Equipment

The Contractor shall furnish and install a Siemens FS 250 Fire Protection Control Unit or equal. The control unit shall be U.L. Listed per Standard 864.

One signaling line circuit (SLC) shall be provided with the standard version of the panel. The system's distributed intelligence shall extend to the SmartOne™ initiating devices on each SLC. Each initiating device shall have a

microprocessor capable of independently determining whether or not a fire signature at its monitored location is of sufficient magnitude to warrant the issuance of an event signal to the control unit.

The Central Control Module (CCM) shall contain the main-system microprocessor, the real-time clock, the history buffer, the watchdog timer, and two RS-232 serial communications ports. The CCM shall supervise and control the overall system operation, including the execution of the site-specific application program.

The CCM shall include an integral display and control membrane with an 80-character, backlit liquid-crystal display (LCD). The LCD shall be 2 lines by 40 characters, and each addressable field point and control-unit-based output circuit shall be identifiable by a label of up to 39 characters in length.

A system buzzer shall annunciate each alarm, supervisory, or trouble event.

An Abort Switch shall be provided to inhibit the Release output by smoke detector alarm initiations. A programmable feature shall ensure that release outputs originated by contact devices shall override the Abort Switch function.

There shall be provisions for driving initiator actuated Fe-227 agent release valves. The releasing device and connecting leads shall be completely supervised.

All connections to the initiating, signaling and releasing circuits shall be supervised for open circuits and ground faults. All relay coils, battery connections and plugs shall be supervised for open circuits. Battery voltage, polarity and AC power input shall be supervised. Trouble conditions shall be indicated by a silence able audible signal and illumination of a LED trouble annunciator. Alarm conditions shall override all trouble indications except Alarm Silence and Abort.

Extinguishing Sub-Systems

The system shall be designed to provide a minimum volume concentration of extinguishing agent per FM and manufacturer's recommendations. The system shall be capable of meeting the performance parameters in the National Fire Protection Association Standard 2005. The extinguishing system shall include the following components:

- Agent storage bottom discharge cylinder with burst disc valve assembly
- Discharge nozzle
- Pressure switch assembly
- Mounting brackets
- FE-227 AGENT

The FE-227 agent shall be stored in a bottom discharge style storage container. This container shall be capable of being filled in one pound increments of FE-

227. The FE-227 discharge shall be activated by an output directly from the control panel, which will activate the burst disc valve assembly. FE-227 agent is stored in the container as a liquid, having a natural vapor pressure of 66.4 psia at 77°F. To aid release and distribution, the container shall be super-pressurized to 360 psig at 70°F with dry nitrogen. The container shall be D.O.T. approved construction.

Agent storage container assembly shall consist of fill check valve, burst disc valve assembly, integral support flanges and 0 – 700 psig pressure gauge. A low pressure switch shall be provided as standard equipment on the container. A decrease in pressure will cause a trouble condition at the control panel.

Discharge nozzles shall be used to disperse the FE-227. The nozzles shall be brass with female threads and available in 1/2" through 2" sizes. Each size shall come in at least two styles 180° and 360° dispersion patterns. The nozzle used shall be provided with pipe threads that correspond to the nozzle size. The nozzle used shall be F.M. approved and U.L. Listed.

The extinguishing agent shall be FE-227 (heptafluoropropane).

Signage

Contractor shall provide all necessary instructional "standard" signage to comply with NFPA and other industry requirements. All signage shall be factory made (no in-field signs allowed). Signs shall be made of durable plastic or metal and shall attaché to walls with adhesive for easy installation. Signs shall be installed at all entrances and near any device for which an explanation is needed.

Test and Acceptance

The final test and acceptance shall be conducted in the presence of the Owner's representative and governing authorities.

Tests shall demonstrate that the entire control system functions as intended. All circuits shall be tested: Automatic discharge, manual discharge, equipment shutdown, alarm devices, and storage container pressure. In addition, supervision of each circuit shall be tested. Each detection device shall be tested according to the manufacturer's recommended procedures of NFPA 72.

Room integrity tests shall be conducted in the presence of the Owner's representative. Such tests shall be made only after the control system has tested satisfactorily.

An inspection shall be made by the FE-227 distributor to ensure that all required dampers, door bottom seals, weather-stripping, caulking, and foam sealant have been installed and that the areas protected will, in fact, contain the FE-227 for the full ten minutes required. The responsibility for this work will lie with other contractors or the Owner.

The piping shall be pneumatically tested in a closed circuit for a period of 10 minutes at 150 psig. At the end of 10 minutes, the pressure drop shall not exceed 20 percent of the test pressure. When pressurizing the piping, pressure shall be increased in 50 psig increments.

A flow test using nitrogen shall be performed on the piping network to verify that flow is continuous, and the piping and nozzles are unobstructed.

Upon acceptance by the Owner, the complete system shall be conditioned and the system placed in operation.

Facility Access and Care

The work that is to be performed shall be scheduled during normal working hours (7:00 a.m. – 3:00 p.m.) unless otherwise stated in these documents. The successful bidder should contact Ryan Babcock, Facility Maintenance Superintendent at 736-6036 between the hours of 7:00 a.m. and 3:00 p.m., Monday through Friday.

All necessary work which involves alarming all or any fire alarm notification devices in the building shall be scheduled after or before normal working hours at a time convenient to the Owner at no additional cost to the Owner.

Should any cutting, patching, alteration, addition, or repairs to existing structure, wall, floor, ceiling, or part of building be required of this project, the Contractor shall restore the alteration to its original condition, with the same type materials, finish, and workmanship.

All wall/floor penetrations as the result of this work shall be properly sealed to meet or exceed U.L. listed fire/smoke seal guidelines.

Owner Responsibilities

To properly seal room.

Provide conduit run to lobby smoke detector from panel location.

Provide conduit and electrical supply (on emergency circuit) to fire suppression panel.

Fire alarm connection and testing.

Section 5.0 – Cleaning Area and Safety

The job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Inflammable material must be removed from the job site daily. Storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare and safety of the general public, employees of Jefferson Parish, and other Parish officials.

There must be a fire watch present when any cutting, burning, or welding is taking place; and 2 hours thereafter. The fire watch and his equipment will be the sole responsibility of the Contractor.

Section 6.0 – Warranty

All workmanship and materials shall have at least one (1) year warranty against defects, in writing, from the date of acceptance of the project. The Contractor must agree, upon written notice from the Owner, promptly and without charge, and to the satisfaction of the Owner, to make changes, replacement, and corrections which may be required to make good all defects in materials and/or equipment under its intended use, within the warranty period.

The Contractor will also guaranty that he will hold the Parish of Jefferson harmless from any damage arising from faulty workmanship or materials performed and/or installed within the duration of the warranty.

Section 7.0 – Permits and Codes

The Contractor shall obtain any and all permits required by the Louisiana State Fire Marshall, and the Jefferson Parish Department of Inspection and Code Enforcement. The Contractor shall also be responsible for payment of these permits. All permits must be obtained prior to the start of the project.

Certificate of Final Inspection must be submitted to the Department of General Services before final payment is rendered.

The Contractor shall be responsible for knowing and complying with all applicable Federal and State laws, municipal ordinances, resolutions, and the rules and regulations of all authorities having jurisdiction over this project. The applicable laws, ordinances, and/or building codes will be deemed to be included in the contract as though herein written in full.

Section 8.0 – State Contractor's License Requirements

For the work that is to be performed, a Mechanical Louisiana State Contractor's License will be required.

The Louisiana State Contractor's Number shall be displayed on the outside of the envelope.

Section 9.0 – Performance Bond

A performance bond in the amount of 100% of the bid will be required; bidders must submit proof of currently having a bonding agency.

If the successful bidder does not provide a performance bond, the project may be awarded to the next or subsequent successful bidder.

Section 10.0 – Liquidated Damages

Liquidated Damages in the amount of \$500.00 per day will be assessed for each day that expires 60 days from the date of the Notice to Proceed until work is complete and ready for payment.

Section 11.0 – Cancellation Clause

The Parish of Jefferson reserves the right to cancel the contract at anytime and for any reason by issuing a thirty (30) day written notice to the Contractor.

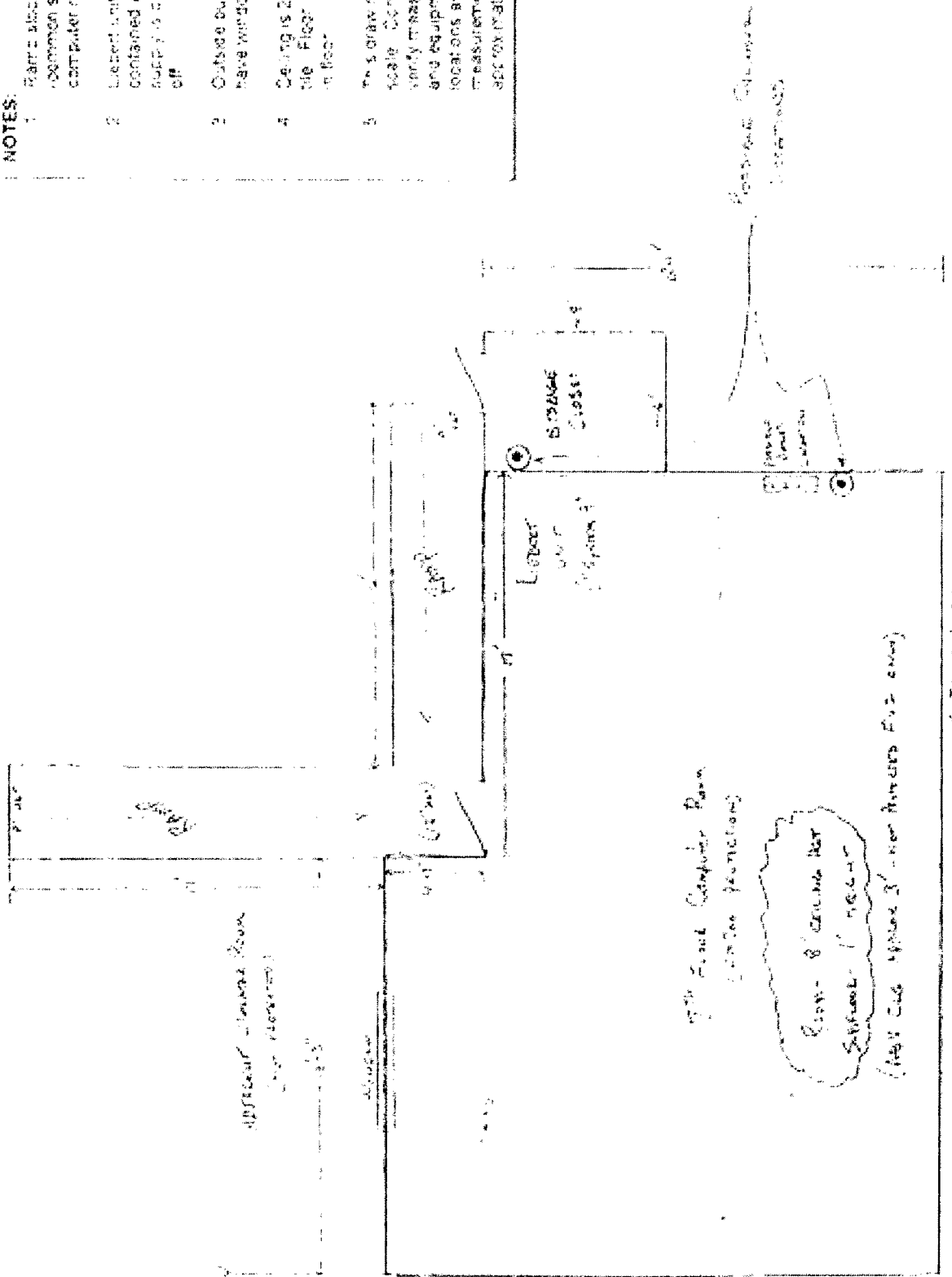
Section 12.0 – Pre-Construction Conference and Notice to Proceed

A pre-construction conference shall be held between the successful Contractor and the owner before any work commences; no work shall be performed until the Contractor receives a written Notice to Proceed to begin work, from the Department of General Services.

JOSEPH S. YENNI BUILDING
7TH FLOOR COMPUTER ROOM SUITE 700- FIRE SUPPRESSION INSTALLATION
EXHIBIT "A"

DRAWING IS NOT TO SCALE

- NOTES:
1. Ramps located from 1st common sub floor to computer room to 6th
 2. Listed units are not contained and building supply is contained off
 3. Outside building units have windows
 4. Ceiling is 2' x 4' lay in the floor is 2' x 2' lay in floor
 5. This drawing is not to scale. Contractors to verify measurements and equipment locations as drawing measurements are approximate



CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF

INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____
INCORPORATED, DULY NOTICED AND HELD ON _____,
A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT
WAS:

RESOLVED. THAT _____, BE AND IS HEREBY
APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-
FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON
BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS
AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES,
DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE
EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES,
CONTRACTS AND ACTS AND TO RECEIVE AND RECEIPT THEREFOR ALL
PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF
ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING,
APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT
PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE
A TRUE AND CORRECT COPY OF AN
EXCERPT OF THE MINUTES OF THE
ABOVE DATED MEETING OF THE BOARD
OF DIRECTORS OF SAID CORPORATION,
AND THE SAME HAS NOT BEEN
REVOKED OR RESCINDED.

SECRETARY-TREASURER

DATE

AFFIDAVIT

STATE OF LOUISIANA
PARISH OF JEFFERSON

BEFORE ME, THE UNDERSIGNED AUTHORITY, PERSONALLY CAME AND APPEARED _____, WHO AFTER BEING BY ME DULY SWORN, DEPOSED AND SAID THAT HE IS THE FULLY AUTHORIZED _____ OF _____ (HEREIN AFTER REFERRED TO AS BIDDER) THE PARTY WHO SUBMITTED A BID FOR _____, BID NO. _____ AND SAID AFFIANT FURTHER SAID:

- 1) That bidder employed no person, corporation, firm, association or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the bidder whose services in connection with the construction of the public building or project or in securing the public contract were in the regular course of their duties for bidder; and
- 2) That no part of the contract price received by bidder was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the bidder whose services in connection with the construction of the public building or project were in the regular course of their duties for bidder.
- 3) Said bid is genuine and the bidder has not colluded, conspired or agreed directly or indirectly with any other bidder to offer a sham or collusive bid.
- 4) Said bidder has not in any manner, directly or indirectly, agreed with any other person to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or that of any other bidder, or to induce any other person to refrain from bidding.
- 5) Said bidder is not intended to secure an unfair advantage of benefit from the Parish of Jefferson or in favor of any person interested in the proposed contract.

SWORN TO AND SUBSCRIBED
BEFORE ME THIS _____
DAY OF _____, 20____

NOTARY PUBLIC

INSURANCE REQUIREMENTS

All insurance requirements shall conform to Jefferson Parish Resolution No. 105529 or No. 105530 dated 05/17/2006.

The contractor shall not commence work under this contract until he has obtained all insurance and complied with the requirements of the specifications and Resolution No. 105529 or No. 105530.

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

DEDUCTIBLES

No insurance required shall include a deductible not greater than \$10,000.00. The cost of the deductible be borne by the contractor.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

CONSTRUCTION AND RENOVATION PROJECTS REQUIRE THE FOLLOWING:

OWNER'S PROTECTIVE LIABILITY

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

BUILDER'S RISK INSURANCE

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.